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## 1 Routine/Function Prologues

### 1.0.1 noah\_dynsetup.F90 (Source File: noah\_dynsetup.F90)

Updates the time dependent NOAH variables

#### REVISION HISTORY:

15 Apr 2002: Sujay Kumar Initial Specification

#### INTERFACE:

```
subroutine noah_dynsetup()
```

#### USES:

```
use lisdrv_module, only: lis,tile
use noah_varder
use spmdMod, only : masterproc, npes
use noahpardef_module
```

#### CONTENTS:

```
integer :: t, n,ier
#if ( ! defined OPENDAP )
  if ( npes > 1 ) then
    call noah_gather
  endif
  if(masterproc) then
#endif
    call noah_gfrac()
    call noah_alb()
#endif
  endif
  call MPI_BCAST(noahdrv%noah_gflag,1,MPI_INTEGER,0, &
    MPI_COMM_WORLD,ier)
  call MPI_BCAST(noahdrv%noah_aflag,1,MPI_INTEGER,0, &
    MPI_COMM_WORLD,ier)
  if( npes > 1 .and. ( noahdrv%noah_gflag==1 .or. &
    noahdrv%noah_aflag ==1 ) ) then
    call noah_scatter
  endif
#endif
```